

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S14	1918	principle ADJ1 components ADJ1 analysis	US-PGPUB; USPAT	AND	ON	2010/09/22 16:59
S17	7459	eigenvector\$1	US-PGPUB; USPAT	AND	ON	2010/09/22 17:00
S19	1921	principle ADJ1 component ADJ1 analysis	US-PGPUB; USPAT	AND	ON	2010/09/23 07:44
S20	7473	eigenvector	US-PGPUB; USPAT	AND	ON	2010/09/23 07:44
S21	132	S19 same S20	US-PGPUB; USPAT	AND	ON	2010/09/23 07:44
S22	62	S19 with S20	US-PGPUB; USPAT	AND	ON	2010/09/23 07:45
S23	456851	plot\$4	US-PGPUB; USPAT	AND	ON	2010/09/23 07:46
S24	6	S22 same S23	US-PGPUB; USPAT	AND	ON	2010/09/23 07:46
S25	446273	biological	US-PGPUB; USPAT	AND	ON	2010/09/23 07:47
S26	0	S24 same S25	US-PGPUB; USPAT	AND	ON	2010/09/23 07:47
S27	0	S22 same S25	US-PGPUB; USPAT	AND	ON	2010/09/23 07:47
S28	0	S24 same light	US-PGPUB; USPAT	AND	ON	2010/09/23 07:48
S29	0	S21 same light	US-PGPUB; USPAT	AND	ON	2010/09/23 07:48
S35	99954	principal component analysis OR finding the projection which maximize variance	US-PGPUB; USPAT	AND	ON	2010/09/29 09:24
S38	1525	principal component analysis and find\$3 project \$4 maximize variance	US-PGPUB; USPAT	AND	ON	2010/09/29 09:25
S39	7625	principal ADJ component ADJ analysis	US-PGPUB; USPAT	AND	ON	2010/09/29 09:36
S40	19492	eigen\$7	US-PGPUB; USPAT	AND	ON	2010/09/29 09:36
S41	610	PCA with eigenvector\$1	US-PGPUB; USPAT	AND	ON	2010/09/29 10:48
S44	611	S41 or(Principial ADJ component ADJ analysis)	US-PGPUB; USPAT	AND	ON	2010/09/29 10:48

S45	611	S41 or (Principal ADJ component ADJ analysis)	US-PGPUB; USPAT	AND	ON	2010/09/29 10:49
S46	532	S45 and (plot\$6 or project \$4)	US-PGPUB; USPAT	AND	ON	2010/09/29 10:49
S47	75	S45 with (plot\$6 or project \$4)	US-PGPUB; USPAT	AND	ON	2010/09/29 10:49
S48	7625	Principal ADJ component ADJ analysis	US-PGPUB; USPAT	AND	ON	2010/09/29 11:01
S49	7483	eigenvector\$1	US-PGPUB; USPAT	AND	ON	2010/09/29 11:01
S50	498	S48 with S49	US-PGPUB; USPAT	AND	ON	2010/09/29 11:01
S53	38179	principal ADJ component	US-PGPUB; USPAT	AND	ON	2010/09/29 11:05
S54	1029	S53 with S49	US-PGPUB; USPAT	AND	ON	2010/09/29 11:05
S59	57906	principal ADJ component	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/09/29 14:20
S60	7998	eigenvector\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/09/29 14:20
S61	8735312	position	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/09/29 14:21
S62	2397	S59 and S60	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/09/29 14:22
S63	1523	S59 same S60	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/09/29 14:22
S64	67	S63 same S61	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/09/29 14:22

S65	3977037	plot\$5 or Project\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/09/29 14:23
S66	56	S65 and S64	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/09/29 14:23
S67	224	us "5164992"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/09/29 14:27
S68	9911111	location or position	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/09/29 14:59
S69	430	S58 same S65 same S60	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/09/29 15:00
S70	430	S69 and S59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/09/29 15:00
S71	5348	S59 same S68	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/09/29 15:09
S72	900	S71 same S65	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/09/29 15:09
S73	87	S72 and S60	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/09/29 15:09

S85	47	"6,701,170"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/10/06 11:26
S86	56	("20020069242"   "20020085741"   "4911167"   "5315532"   "5337745"   "5349953"   "5645059"   "5706402"   "5853364"   "5928146"   "6232609"   "6424960"). PN. OR ("6701170").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/10/06 11:36
S87	1	"10398185"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/10/06 13:13
S88	5	JP "998972"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/10/06 13:36
S89	46	"6701170"	US-PGPUB; USPAT; USOCR	AND	ON	2010/10/06 15:42
S90	48	"5803909"	US-PGPUB; USPAT	AND	ON	2010/10/06 16:20
S91	23	"US 5803909"	US-PGPUB; USPAT	AND	ON	2010/10/06 16:21
S92	2	"US 6,907,279"	US-PGPUB; USPAT	AND	ON	2010/10/06 16:27
S93	1	("6907279").PN. OR ("7516021").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/10/06 16:30
S94	120	"5,853,370"	US-PGPUB; USPAT; USOCR	AND	ON	2010/10/06 16:31
S95	57	"US 5,853,370"	US-PGPUB; USPAT; USOCR	AND	ON	2010/10/06 16:31
S96	8	"US 6,542,763"	US-PGPUB; USPAT; USOCR	AND	ON	2010/10/06 16:32
S97	234	(600/336).ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2010/10/06 16:47
S98	699470	display signal processing	US-PGPUB; USPAT	AND	ON	2010/10/12 08:50
S99	1541616	display	US-PGPUB; USPAT	AND	ON	2010/10/12 08:51
S100	312342	signal ADJ processing	US-PGPUB; USPAT	AND	ON	2010/10/12 08:51
S101	141002	S99 and S100	US-PGPUB; USPAT	AND	ON	2010/10/12 08:51

S102	294452	selecting box	US-PGPUB; USPAT	AND	ON	2010/10/12 08:52
S103	19403	S102 and S101	US-PGPUB; USPAT	AND	ON	2010/10/12 08:52
S104	77145	correlation value box	US-PGPUB; USPAT	AND	ON	2010/10/12 08:52
S105	4947	S103 and S104	US-PGPUB; USPAT	AND	ON	2010/10/12 08:52
S106	4099639	select\$4	US-PGPUB; USPAT	AND	ON	2010/10/12 08:53
S107	4947	S105 and S106	US-PGPUB; USPAT	AND	ON	2010/10/12 08:53
S108	243987	standard deviation	US-PGPUB; USPAT	AND	ON	2010/10/12 08:53
S109	1721	S107 and S108	US-PGPUB; USPAT	AND	ON	2010/10/12 08:53
S110	125222	standard ADJ deviation	US-PGPUB; USPAT	OR	ON	2010/10/12 08:55
S111	857	S110 and S107	US-PGPUB; USPAT	OR	ON	2010/10/12 08:56
S112	345717	user ADJ interface	US-PGPUB; USPAT	OR	ON	2010/10/12 09:08
S113	394	S111 and S112	US-PGPUB; USPAT	OR	ON	2010/10/12 09:09
S115	37	us "4596254"	US-PGPUB; USPAT	AND	ON	2010/10/12 10:15
S116	34	us "4596254" and adrian	US-PGPUB; USPAT	AND	ON	2010/10/12 10:16
S117	1	us 2003/0088164 and stetson	US-PGPUB; USPAT	AND	ON	2010/10/12 10:19
S118	1	us 2003/0088164	US-PGPUB; USPAT	AND	ON	2010/10/12 10:19
S119	1	us "20030088164"	US-PGPUB; USPAT	AND	ON	2010/10/12 10:20
S120	1	us "20030120164"	US-PGPUB; USPAT	AND	ON	2010/10/12 10:22
S121	1	us "20020085741"	US-PGPUB; USPAT	AND	ON	2010/10/12 10:26
S122	1389594	select or choose	US-PGPUB; USPAT	OR	ON	2010/10/12 10:43
S123	672775	"22" same signal\$1	US-PGPUB; USPAT	OR	ON	2010/10/12 10:44
S124	15960	S123 and (standard ADJ deviation)	US-PGPUB; USPAT	OR	ON	2010/10/12 10:45
S125	530	S123 same (standard ADJ deviation)	US-PGPUB; USPAT	OR	ON	2010/10/12 10:45
S126	37	S125 same correlation	US-PGPUB; USPAT	OR	ON	2010/10/12 10:46

S127	371495	(select or choose) same signal\$1	US-PGPUB; USPAT	OR	ON	2010/10/12 10:47
S128	437	S127 same (Standard ADJ deviation)	US-PGPUB; USPAT	OR	ON	2010/10/12 10:47
S129	34	S128 same correlation	US-PGPUB; USPAT	OR	ON	2010/10/12 10:47
S130	1548115	S129 same user interface	US-PGPUB; USPAT	OR	ON	2010/10/12 10:48
S131	234	(600/336).ccls.	US-PGPUB; USPAT	AND	ON	2010/10/13 10:27
S132	51	(600/336).ccls. and signal separation	US-PGPUB; USPAT	AND	ON	2010/10/13 10:42
S133	776	(600/322).ccls.	US-PGPUB; USPAT	AND	ON	2010/10/13 11:56
S134	1334	(600/310).ccls.	US-PGPUB; USPAT	AND	ON	2010/10/13 11:57
S135	950	(600/473).ccls.	US-PGPUB; USPAT	AND	ON	2010/10/13 11:57
S136	1768	(600/476).ccls.	US-PGPUB; USPAT	AND	ON	2010/10/13 11:57
S137	1	"6701170".pn.	US-PGPUB; USPAT	AND	ON	2011/02/09 09:50
S138	63	("20020069242"   "20020085741"   "4911167"   "5315532"   "5337745"   "5349953"   "5645059"   "5706402"   "5853364"   "5928146"   "6232609"   "6424960"). PN. OR ("6701170").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/09 09:51
S139	43	("20020069242"   "20020085741"   "4911167"   "5315532"   "5337745"   "5349953"   "5645059"   "5706402"   "5853364"   "5928146"   "6232609"   "6424960"). PN. OR ("6701170").URPN. and correlat\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/09 09:51
S140	23	("20020069242"   "20020085741"   "4911167"   "5315532"   "5337745"   "5349953"   "5645059"   "5706402"   "5853364"   "5928146"   "6232609"   "6424960"). PN. OR ("6701170").URPN. and correlat\$4 with select \$4	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/09 09:56
S141	50	correlat\$4 with select\$4 with ((PCA) (principle adj component))	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/09 13:58

S142	0	"10578725".pn.	US-PGPUB; USPAT	AND	ON	2011/05/12 11:21
S143	1	"10578725"	US-PGPUB; USPAT	AND	ON	2011/05/12 11:21
S144	104257	correlat\$4 with value	US-PGPUB; USPAT	AND	ON	2011/06/09 16:11
S145	82158	correlat\$4 with value and signal	US-PGPUB; USPAT	AND	ON	2011/06/09 16:12
S146	53369	correlat\$4 with value and signal\$1 with process\$5	US-PGPUB; USPAT	AND	ON	2011/06/09 16:14
S147	3792	correlat\$4 with value and signal\$1 with process\$5 and ("600"/\$).ccls.	US-PGPUB; USPAT	AND	ON	2011/06/09 16:15
S148	917	correlat\$4 with value and signal\$1 with process\$5 and ("600"/\$).ccls. and brain	US-PGPUB; USPAT	AND	ON	2011/06/09 16:15
S149	698	correlat\$4 with value and signal\$1 with process\$5 and ("600"/\$).ccls. and brain and (reference\$1 standard\$1)	US-PGPUB; USPAT	AND	ON	2011/06/09 16:16
S150	428	correlat\$4 with value and signal\$1 with process\$5 and ("600"/\$).ccls. and brain and (reference\$1 standard\$1) and signal\$1 with select\$5	US-PGPUB; USPAT	AND	ON	2011/06/09 16:18
S151	5248	kawasaki.in.	US-PGPUB; USPAT	AND	ON	2011/06/09 16:38
S152	451	kawasaki.in. and correlat\$4	US-PGPUB; USPAT	AND	ON	2011/06/09 16:39
S153	240	kawasaki.in. and correlat\$4 and signal\$1 and select\$4 and process\$4	US-PGPUB; USPAT	AND	ON	2011/06/09 16:39
S154	24	kawasaki.in. and correlat\$4 and signal\$1 and select\$4 and process\$4 and correlation adj value\$1	US-PGPUB; USPAT	AND	ON	2011/06/09 16:39
S155	0	("2007/0142719").URPN.	USPAT	OR	OFF	2011/06/09 16:41
S156	102	kawasaki.in. and set\$5 and evaluat\$4 and pulse	US-PGPUB; USPAT	AND	ON	2011/06/09 16:46
S157	20	kawasaki.in. and set\$5 and evaluat\$4 and pulse and fiber	US-PGPUB; USPAT	AND	ON	2011/06/09 16:46
S158	1	"10580533"	US-PGPUB; USPAT	AND	ON	2011/06/09 16:48
S159	0	wo with "02063282"	US-PGPUB; USPAT	AND	ON	2011/06/09 16:59

S160	4	("20030060692"   "20040171919"   "20040242979"   "20050177033").PN. OR ("7725145").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/06/16 09:55
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**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7931	correlation adj value\$1	USPAT; UPAD	AND	ON	2011/06/18 14:16
L2	6	(correlation adj value\$1)". clm"	US-PGPUB; USPAT; UPAD	AND	ON	2011/06/18 14:16
L3	4328	(correlation adj value\$1). clm.	US-PGPUB; USPAT; UPAD	AND	ON	2011/06/18 14:16
L4	3116	(correlation adj value\$1 and signal\$1).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2011/06/18 14:17
L5	1567	(correlation adj value\$1 and signal\$1 and process \$4).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2011/06/18 14:17
L6	761	(correlation adj value\$1 and signal\$1 and process \$4 and select\$4).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2011/06/18 14:17
L7	19	(correlation adj value\$1 and signal\$1 and process \$4 and select\$4).clm. and ("600"/\$).ccls.	US-PGPUB; USPAT; UPAD	AND	ON	2011/06/18 14:17

**6/ 18/ 2011 2:20:13 PM****C:\ Documents and Settings\ mfardanesh\ Desktop\ EAST\ 10578725\ 10578725.w sp**